

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/006893

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D213/803 C07D213/80 C07D401/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BEILSTEIN Data, PAJ, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 378 843 A (STRONG HENRY L) 3 January 1995 (1995-01-03) the whole document	1-49
A	US 5 614 635 A (MILLER PAUL E) 25 March 1997 (1997-03-25) cited in the application the whole document	1-49
A	US 5 334 576 A (DOEHNER JR ROBERT F ET AL) 2 August 1994 (1994-08-02) cited in the application see example 5 the whole document	1-49
A	US 6 080 867 A (WU WEN-XUE) 27 June 2000 (2000-06-27) cited in the application the whole document	1-49

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

13 September 2004

Date of mailing of the international search report

17/09/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Scruton-Evans, I

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/006893

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5378843	A	03-01-1995	US 5288866 A	22-02-1994
			US 5545835 A	13-08-1996
			CN 1094398 A ,B	02-11-1994
			CN 1190094 A ,B	12-08-1998
			RU 2090558 C1	20-09-1997
			AT 151752 T	15-05-1997
			AU 652874 B2	08-09-1994
			AU 3028092 A	24-06-1993
			BR 9205097 A	22-06-1993
			CA 2085802 A1	21-06-1993
			CZ 9203665 A3	11-08-1993
			CZ 286519 B6	17-05-2000
			DE 69219089 D1	22-05-1997
			DE 69219089 T2	24-07-1997
			DK 548532 T3	12-05-1997
			EP 0548532 A1	30-06-1993
			ES 2100261 T3	16-06-1997
			GR 3023303 T3	29-08-1997
			HK 1001055 A1	22-05-1998
			HU 64052 A2	29-11-1993
			HU 218004 B	28-05-2000
			IL 104134 A	10-06-1997
			JP 3107672 B2	13-11-2000
			JP 5255257 A	05-10-1993
			KR 245586 B1	02-03-2000
			MX 9207270 A1	01-07-1993
			SG 47555 A1	17-04-1998
			SK 140098 A3	14-02-2000
			SK 366592 A3	14-02-2000
			ZA 9209877 A	02-07-1993
US 5614635	A	25-03-1997	AT 165347 T	15-05-1998
			BR 9405262 A	07-11-1995
			DE 69409776 D1	28-05-1998
			DE 69409776 T2	24-09-1998
			EP 0661268 A1	05-07-1995
			ES 2115846 T3	01-07-1998
			IL 112157 A	06-12-2000
			JP 7242631 A	19-09-1995
			SG 47686 A1	17-04-1998
			TW 416947 B	01-01-2001
US 5334576	A	02-08-1994	AU 2758388 A	06-07-1989
			AU 7720891 A	08-08-1991
			BR 8806959 A	29-08-1989
			CA 1337423 C	24-10-1995
			DK 104193 A	17-09-1993
			DK 104293 A	17-09-1993
			DK 733188 A	01-07-1989
			EP 0322616 A2	05-07-1989
			HU 49457 A2	30-10-1989
			IE 81168 B1	31-05-2000
			IL 104751 A	30-05-1994
			IL 104752 A	30-05-1994
			JP 2000779 A	05-01-1990
			KR 9705304 B1	15-04-1997
			ZA 8809728 A	25-10-1989
			AT 128129 T	15-10-1995

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/006893

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5334576	A	BR 8703877 A	29-03-1988
		CA 1337422 C	24-10-1995
		DE 3751524 D1	26-10-1995
		DE 3751524 T2	13-06-1996
		EP 0254951 A2	03-02-1988
		ES 2076927 T3	16-11-1995
		GR 3017452 T3	31-12-1995
		HK 1000037 A1	17-10-1997
		JP 2866028 B2	08-03-1999
		JP 7309865 A	28-11-1995
		JP 8002897 B	17-01-1996
		JP 63088177 A	19-04-1988
US 6080867	A	27-06-2000 US 6114535 A	05-09-2000